

Atty.

Dkt. No.

M#

Q61721

Client Ref.

F005513US00/TP

INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

Applicant: SEIKO EPSON CORPORATION (Tsuyoshi KITAHARA)

Appln. No. 09/708,514

Filing Date: November 9, 2000

#5

Date:

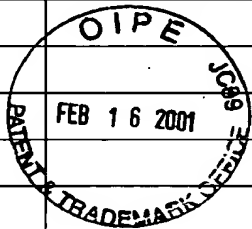
Page 1 of 1

Examiner:

Group Art Unit:

## U.S. PATENT DOCUMENTS

| Examiner's initials* |    | Document Number | Date MM/YYYY | Name (Family Name of First Inventor) | Class | Sub Class | Filing Date (if appropriate) |
|----------------------|----|-----------------|--------------|--------------------------------------|-------|-----------|------------------------------|
|                      | AR |                 |              |                                      |       |           |                              |
|                      | BR |                 |              |                                      |       |           |                              |
|                      | CR |                 |              |                                      |       |           |                              |
|                      | DR |                 |              |                                      |       |           |                              |
|                      | ER |                 |              |                                      |       |           |                              |
|                      | FR |                 |              |                                      |       |           |                              |
|                      | GR |                 |              |                                      |       |           |                              |
|                      | HR |                 |              |                                      |       |           |                              |
|                      | IR |                 |              |                                      |       |           |                              |
|                      | JR |                 |              |                                      |       |           |                              |
|                      | KR |                 |              |                                      |       |           |                              |
|                      | LR |                 |              |                                      |       |           |                              |
|                      | MR |                 |              |                                      |       |           |                              |
|                      | NR |                 |              |                                      |       |           |                              |



RECEIVED  
FEB 20 2001  
TC 1700

## Foreign patent documents

|    |    | Document Number | Date MM/YYYY | Country | Inventor name | Class | Sub Class | Translation Readily Available |     |
|----|----|-----------------|--------------|---------|---------------|-------|-----------|-------------------------------|-----|
|    |    |                 |              |         |               |       |           | Enclose                       | No. |
| mg | OR | 06(1994)-305142 | 11/1994      | JP      | KANAI         | B41J  | 2/045     |                               | X   |
| mg | PR | 09(1997)-123448 | 05/1997      | JP      | OKAZAWA       | B41J  | 3/04      |                               | X   |
| mg | QR | 09(1997)-300635 | 11/1997      | JP      | MIYAGUCHI     | B41J  | 2/16      |                               | X   |
| mg | RR | 0 761 447       | 03/1997      | EPC     | YASUKAWA      | B41J  | 2/16      | X                             |     |
|    | SR |                 |              |         |               |       |           |                               |     |
|    | TR |                 |              |         |               |       |           |                               |     |
|    | UR |                 |              |         |               |       |           |                               |     |
|    | VR |                 |              |         |               |       |           |                               |     |
|    | WR |                 |              |         |               |       |           |                               |     |
|    | XR |                 |              |         |               |       |           |                               |     |
|    | YR |                 |              |         |               |       |           |                               |     |

TC 1700 MAIL ROOM

FEB 21 2001

RECEIVED

OTHER (including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

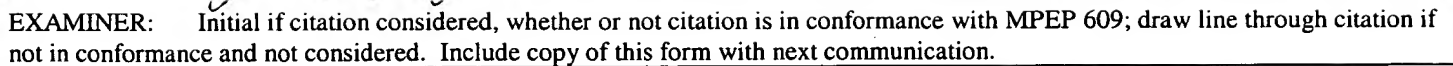
|    |     |   |
|----|-----|---|
| mg | ZR  | JPO ABSTRACT 06(1994)-305142, Nov. 1, 1994  |
| mg | AAR | JPO ABSTRACT 09(1997)-300635, Nov. 25, 1997 |
|    | ABR |   |
|    | ACR |   |

Examiner

Date Considered:

10102

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



Form PTO-1449  
(Rev. 2-32)

U.S. Department of Commerce  
Patent & Trademark Office

Atty. Docket No.

Q61721

Serial No.: 09/708,514

Confirmation No.: 1708

#8

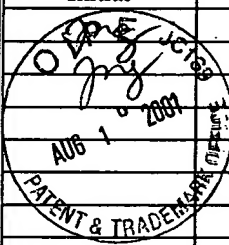

INFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)

Applicant: Tsuyoshi KITAHARA

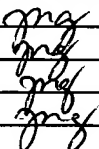
Filing Date:  
November 9, 2000

Group:  
2853

U.S. PATENT DOCUMENTS

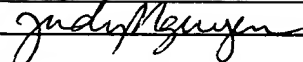
| Examiner Initial  | Document Number | Date       | Name             | Class | Sub-Class | Filing Date (if appropriate) |
|---|-----------------|------------|------------------|-------|-----------|------------------------------|
|   | 5,684,520       | 11/04/1997 | Morikoshi et al. |       |           |                              |
|   | 5,802,686       | 09/08/1998 | Shimada et al.   |       |           |                              |
|  |                 |            |                  |       |           |                              |
|   |                 |            |                  |       |           |                              |
|   |                 |            |                  |       |           |                              |
|   |                 |            |                  |       |           |                              |
|   |                 |            |                  |       |           |                              |
|   |                 |            |                  |       |           |                              |
|   |                 |            |                  |       |           |                              |
|   |                 |            |                  |       |           |                              |
|   |                 |            |                  |       |           |                              |
|   |                 |            |                  |       |           |                              |

FOREIGN PATENT DOCUMENTS

| Document  | Date      | Country    | Class | Sub-class | Translation Yes/No |
|---|-----------|------------|-------|-----------|--------------------|
|  | 0 829 355 | 03/18/1998 | EPO   |           |                    |
|   | 0 916 500 | 05/19/1999 | EPO   |           |                    |
|   | 0 786 346 | 07/30/1997 | EPO   |           |                    |
|   | 1 038 676 | 09/27/2000 | EPO   |           |                    |
|   |           |            |       |           |                    |
|   |           |            |       |           |                    |
|   |           |            |       |           |                    |
|   |           |            |       |           |                    |
|   |           |            |       |           |                    |
|   |           |            |       |           |                    |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |   |
|--|---|
|  | European Patent Office Search Report dated 07/04/2001 |
|  |   |
|  |   |
|  |   |

EXAMINER: 

DATE CONSIDERED: 10/02

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

Substitute for Form 1449 A &amp; B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

|                        |                       |
|------------------------|-----------------------|
| Application Number     | 09/708,514            |
| Confirmation Number    | 1708                  |
| Filing Date            | November 9, 2000      |
| First Named Inventor   | Tsuyoshi KITAHARA #11 |
| Art Unit               | 2861                  |
| Examiner Name          | Judy NGUYEN           |
| Attorney Docket Number | Q61721                |

Sheet 1 of 1

## U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number |                                      | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
|--------------------|-----------------------|-----------------|--------------------------------------|--------------------------------|---|
|                    |                       | Number          | Kind Code <sup>2</sup><br>(if known) |                                |   |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |

## FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   |                     |                                      | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation <sup>6</sup> |
|--------------------|-----------------------|---------------------------|---------------------|--------------------------------------|--------------------------------|---|--------------------------|
|                    |                       | Country Code <sup>3</sup> | Number <sup>4</sup> | Kind Code <sup>5</sup><br>(if known) |                                |   |                          |
| mg                 |                       | JP                        | 08-187868           |                                      | 07/23/1996                     | SEIKO EPSON CORP                                | abstract                 |
| mg                 |                       | JP                        | 10-278263           |                                      | 10/20/1998                     | CITIZEN WATCH CO LTD.                           | abstract                 |
| mg                 |                       | JP                        | 06-23982            |                                      | 02/01/1994                     | SEIKO EPSON CORP                                | abstract                 |
| mg                 |                       | JP                        | 6-21937             |                                      | 03/22/1994                     | <del>SEIKO EPSON CORP</del>                     | yes                      |
| mg                 |                       | JP                        | 05-116326           |                                      | 05/14/1993                     | CANON INC                                       | abstract                 |
| mg                 |                       | JP                        | 06-87217            |                                      | 03/29/1994                     | FUJITSU LTD                                     | abstract                 |
| mg                 |                       | JP                        | 09-39242            |                                      | 02/10/1997                     | SEIKO EPSON CORP                                | abstract                 |
| mg                 |                       | JP                        | 09-314863           |                                      | 12/09/1997                     | SEIKO EPSON CORP                                | abstract                 |
|                    |                       |                           |                     |                                      |                                |   |                          |
|                    |                       |                           |                     |                                      |                                |   |                          |
|                    |                       |                           |                     |                                      |                                |   |                          |
|                    |                       |                           |                     |                                      |                                |   |                          |

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation <sup>6</sup> |
|--------------------|-----------------------|--|--------------------------|
|                    |                       |  |                          |
|                    |                       |  |                          |
|                    |                       |  |                          |
|                    |                       |  |                          |
|                    |                       |  |                          |

|                    |             |                 |       |
|--------------------|-------------|-----------------|-------|
| Examiner Signature | Judy Nguyen | Date Considered | 10/02 |
|--------------------|-------------|-----------------|-------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.